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Deborah J. Mouzon

Patent #1908

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
Shi, et. al.

1,2,4,58 10,11-15

Serial No. 09/817,419

Group Art Unit: 1761

Filed: March 26, 2001

Examiner:

For: CEREAL GRAINS WITH HIGH TOTAL DIETARY:  
FIBER AND/OR RESISTANT STARCH CONTENT:  
AND THEIR PREPARATION THEREOF

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.97**

Commissioner for Patents  
Washington, D. C. 20231

SIR:

In compliance with Applicants' duty of disclosure under 37 C.F.R. 1.56, and in accordance with 37 C.F.R. 1.98, Applicants' direct the Examiner's attention to the publications listed on the PTO #1449 form, which is being submitted herewith. Copies of all publications listed on the #1449 form are being submitted herewith.

The disclosure of the above references does not constitute an admission that they are relevant or material to the claims or are "prior art" to the subject application. The citation of them is not to be construed as a representation that no better art exists or that a search has been made; they are cited merely as constituting collectively the closest art of which applicants are aware.

It is respectfully submitted that the information should be considered by the Patent Office as it is being filed pursuant to 37 CFR § 1.97(b)(3) before the mailing date of a first office action on the merits.

In the event that a first Office Action has already issued and is crossing in the mail with this information, please consider the information and charge the \$240.00 fee under 37 C.F.R. § 1.17p to Deposit Account No. 14-0455. Please charge any additional fees or credit overpayment to Deposit Account No. 14-0455. Triplicate copies of this letter are enclosed.

Respectfully submitted,

*Laurelee A. Duncan*  
Laurelee A. Duncan, Reg. No. 44,096  
Attorney for Applicants  
Tel. 908-685-5433

National Starch and Chemical Company  
P. O. Box 6500  
Bridgewater, New Jersey 08807-0500  
August 30, 2001

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TC 1700

Form PTO-1449  
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Patent and Trademark OfficeLIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

Atty. Docket No. 1908

Serial No.  
09/817,419

Applicant: Shi, et. al.

Filing Date: 03/26/01

Group 1761

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appr - Priate
	AA	5,593,503					
	AB						
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## FOREIGN PATENT DOCUMENTS

	AL						
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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Czarnecki, et. al. "Effect of Heat Treatment on Carbohydrates and Protein in Cereal Grain, <u>Biul. tyn Informacyjny Przemyslu Paszowego</u> 23(2): 1-16, 1984.
	AS		Yakovenko, V.A., "Effect of hydrothermal processing of grain on physicochemical properties of starch in maize grits, <u>Izvestiya Vysshikh Uchebnykh Zavedenii, Pishchevaya Tekhnologiya</u> , 1971 (6), 66-68.
	AT		Talanov, et. al. Changes in the responsiveness to digestion of proteins and starch contained in the grain and groats of legumes during heat treatment, <u>Vopr. Pitani</u> , 32 (6), 1973, 75.

## EXAMINER

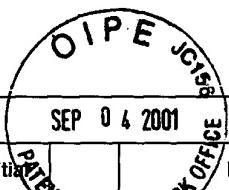
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Applicant: Shi, et. al.

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Group 1761

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*Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
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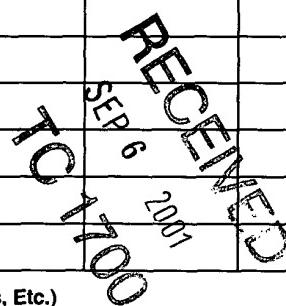
AR		Barier-Guillot, et. al., Effect of Heat Drying Temperature on the Nutritive Value of Corn in Chickens and Pigs, Animal Feed Science and Technology 41(2): 149-159 (1993).
AS		Fasina, et. al., Infrared Heating of Hullless and Pearled Barley, Journal of Food Processing and Preservation 23(2), pp. (July 1999).
AT		Holm, et. al., The Effect of Various Thermal Processes on the Glycemic Response to Whole Grain Wheat Products in Humans and Rats, Departments of "Food Chemistry, Community Health Sciences, and Food Technology, University of Lund, S-221 00 Lund, Sweden, and Department of Cell Biology, University of Linkoping, S-581 85 Linkoping, Sweden.

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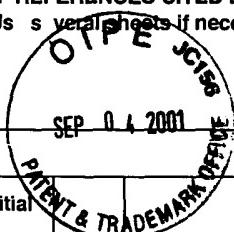
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)						
		Applicant: Shi, et. al.				
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FOREIGN PATENT DOCUMENTS						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)						
AR		Oliveira, J.S., Huber, J.T., Simas, J.M., Theuter, C.B. Swingle, R.S., Effect of sorghum grain processing on site and extent of digestion of starch in lactating dairy cows, Journal of Dairy Science, 78(6), 1995, 1318.				
AS		Arcot, J. and Sagum, R., Effect of domestic processing methods on the starch, non-starch polysaccharides and in vitro starch and protein digestibility of three varieties of rice with varying levels of amylos, Food Chemistry, 70(1), 2000, 107.				
AT		Alonso, R., Aguirre, A. Marzo, F., Effects of extrusion and traditional processing methods on antinutrients and in vitro digestibility of protein and starch in faba and kidney beans, Food Chemistry, 68(2), 2000, 159.				
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AR		Dohnalek, R. and Cap, M., Effect of irradiation time and moisture content on the degree of starch degradation in grains treated by infrared heating, Krmivarstvi Sluzby, 13(10), 1977, 218.
AS		
AT		

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1761

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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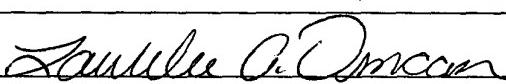
		Application Number	09/817,419
		Filing Date	03/26/01
		First Named Inventor	Shi, et. al.
		Group Art Unit	1761
		Examiner Name	To Be Assigned
Total Number of Pages in This Submission	5	Attorney Docket Number	1908

**ENCLOSURES (check all that apply)**

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Firm or Individual name	Laurelee A. Duncan, Reg. No. 44,096
Signature	
Date	August 30, 2001

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Typed or printed name	Deborah J. Mouzon
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